

# UTILITY PATENT APPLICATION TRANSMITTAL

## (Large Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No.  
89190.109203/DP-308949

Total Pages in this Submission

### TO THE COMMISSIONER FOR PATENTS

Mail Stop Patent Application  
P.O. Box 1450  
Alexandria, VA 22313-1450

Transmitted herewith for filing under 35 U.S.C. 111(a) and 37 C.F.R. 1.53(b) is a new utility patent application for an invention entitled:

**HYDROCARBON REFORMER PERFORMANCE SENSING SYSTEM**

and invented by:

**James H. Kralick, Norm Peschke, and Da Yu Wang**

031356 U.S. PTO  
10/769164

If a **CONTINUATION APPLICATION**, check appropriate box and supply the requisite information:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: \_\_\_\_\_

Which is a:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: \_\_\_\_\_

Which is a:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: \_\_\_\_\_

Enclosed are:

### Application Elements

1. ☒ Filing fee as calculated and transmitted as described below
2. ☒ Specification having 8 pages and including the following:
  - a. ☒ Descriptive Title of the Invention
  - b. ☐ Cross References to Related Applications (if applicable)
  - c. ☐ Statement Regarding Federally-sponsored Research/Development (if applicable)
  - d. ☐ Reference to Sequence Listing, a Table, or a Computer Program Listing Appendix
  - e. ☒ Background of the Invention
  - f. ☒ Brief Summary of the Invention
  - g. ☒ Brief Description of the Drawings (if filed)
  - h. ☒ Detailed Description
  - i. ☒ Claim(s) as Classified Below
  - j. ☒ Abstract of the Disclosure

# UTILITY PATENT APPLICATION TRANSMITTAL (Large Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No.  
89190.109203/DP-308949

Total Pages in this Submission

## Application Elements (Continued)

3. ☒ Drawing(s) (when necessary as prescribed by 35 USC 113)
- a. ☐ Formal Number of Sheets \_\_\_\_\_
- b. ☒ Informal Number of Sheets 1
4. ☒ Oath or Declaration
- a. ☒ Newly executed (original or copy) ☐ Unexecuted
- b. ☐ Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional application only)
- c. ☒ With Power of Attorney ☐ Without Power of Attorney
- d. ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s) named in the prior application,  
see 37 C.F.R. 1.63(d)(2) and 1.33(b).
5. ☐ Incorporation By Reference (usable if Box 4b is checked)  
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.
6. ☐ CD ROM or CD-R in duplicate, large table or Computer Program (Appendix)
7. ☐ Application Data Sheet (See 37 CFR 1.76)
8. ☐ Nucleotide and/or Amino Acid Sequence Submission (if applicable, all must be included)
- a. ☐ Computer Readable Form (CRF)
- b. ☐ Specification Sequence Listing on:
- i. ☐ CD-ROM or CD-R (2 copies); or
- ii. ☐ Paper
- c. ☐ Statement(s) Verifying Identical Paper and Computer Readable Copy

## Accompanying Application Parts

9. ☒ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(B) Statement (when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement/PTO-1449 ☐ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)
16. ☒ Certificate of Mailing
- ☐ First Class ☒ Express Mail (Specify Label No.): EV 386956607 US

*(Only for new nonprovisional applications under 37 CFR 1.53(b))*

Total Pages in this Submission

--

## P01ULRG/REV06

**UTILITY PATENT APPLICATION TRANSMITTAL**  
**(Larg Entity)**

*(Only for new nonprovisional applications under 37 CFR 1.53(b))*

Docket No.  
89190.109203/DP-308949

Total Pages in this Submission

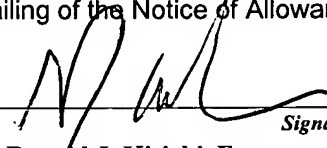
**Fee Calculation and Transmittal**

**CLAIMS AS FILED**

For	#Filed	#Allowed	#Extra	Rate	Fee
Total Claims	12	- 20 =	0	x \$18.00	\$0.00
Indep. Claims	2	- 3 =	0	x \$86.00	\$0.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					\$0.00
BASIC FEE					\$770.00
OTHER FEE (specify purpose) _____					\$0.00
TOTAL FILING FEE					\$770.00

- ☐ A check in the amount of \_\_\_\_\_ to cover the filing fee is enclosed.
- ☒ The Director is hereby authorized to charge and credit Deposit Account No. 10-0223 as described below.
- ☒ Charge the amount of \$770.00 as filing fee.
  - ☒ Credit any overpayment.
  - ☒ Charge any additional filing fees required under 37 C.F.R. 1.16 and 1.17.
  - ☐ Charge the issue fee set in 37 C.F.R. 1.18 at the mailing of the Notice of Allowance, pursuant to 37 C.F.R. 1.311(b).

Dated: 1-30-04

  
Signature  
Ronald J. Kisicki, Esq.  
Reg. No.: 38,205  
JAECKLE FLEISCHMANN & MUGEL, LLP  
39 State Street, Suite 200  
Rochester, New York 14614-1310  
Tel: (585) 262-3640  
Fax: (585) 262-4133

cc:

**CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)**

Applicant(s): James H. Kralick, et al

Docket No.

89190.109203/DP-308949

Serial No.

TBA

Filing Date

Herewith

Examiner

TBA

Group Art Unit

TBA

Invention: **HYDROCARBON REFORMER PERFORMANCE SENSING SYSTEM**

I hereby certify that the following correspondence:

Utility Patent Application Transmittal (Large Entity) (4 pages + 1 duplicate page)

*(Identify type of correspondence)*

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on

1-30-04*(Date)*Margaret I. Hults*(Typed or Printed Name of Person Mailing Correspondence)*Margaret I. Hults*(Signature of Person Mailing Correspondence)*EV 386956607 US*("Express Mail" Mailing Label Number)***Note: Each paper must have its own certificate of mailing.**

**CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)**

Applicant(s): James H. Kralick, et al

Docket No.

89190.109203/DP-308949

Serial No.

TBA

Filing Date

Herewith

Examiner

TBA

Group Art Unit

TBA

Invention: **HYDROCARBON REFORMER PERFORMANCE SENSING SYSTEM**

I hereby certify that the following correspondence:

Specification, Claims and Abstract (8 pages)

*(Identify type of correspondence)*

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on

1-30-04*(Date)*Margaret I. Hults*(Typed or Printed Name of Person Mailing Correspondence)*Margaret I. Hults*(Signature of Person Mailing Correspondence)*EV 386956607 US*("Express Mail" Mailing Label Number)***Note: Each paper must have its own certificate of mailing.**

**CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)**

Applicant(s): James H. Kralick, et al

Docket No.

89190.109203/DP-308949

Serial No.

TBA

Filing Date

Herewith

Examiner

TBA

Group Art Unit

TBA

Invention: **HYDROCARBON REFORMER PERFORMANCE SENSING SYSTEM**

I hereby certify that the following correspondence:

Assignment with Recordation Form Cover Sheet (executed, with missing parts) (7 pages + 1 duplicate page)

*(Identify type of correspondence)*

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on

1-30-04*(Date)*Margaret I. Hults*(Typed or Printed Name of Person Mailing Correspondence)*Margaret I. Hults*(Signature of Person Mailing Correspondence)*EV 386956607 US*("Express Mail" Mailing Label Number)***Note: Each paper must have its own certificate of mailing.**

**CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)**

Applicant(s): James H. Kralick, et al

Docket No.

89190.109203/DP-308949

Serial No.

TBA

Filing Date

Herewith

Examiner

TBA

Group Art Unit

TBA

Invention: **HYDROCARBON REFORMER PERFORMANCE SENSING SYSTEM**

I hereby certify that the following correspondence:

**Declaration and Power of Attorney (executed, with missing parts) (8 pages)***(Identify type of correspondence)*

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on

1-30-04*(Date)*Margaret I. Hults*(Typed or Printed Name of Person Mailing Correspondence)*Margaret I. Hults*(Signature of Person Mailing Correspondence)*EV 386956607 US*("Express Mail" Mailing Label Number)***Note: Each paper must have its own certificate of mailing.**



**CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)**

Applicant(s): James H. Kralick, et al

Docket No.

89190.109203/DP-308949

Serial No.

TBA

Filing Date

Herewith

Examiner

TBA

Group Art Unit

TBA

Invention: **HYDROCARBON REFORMER PERFORMANCE SENSING SYSTEM**

I hereby certify that the following correspondence:

One (1) Sheet of Informal Drawings (identified)

*(Identify type of correspondence)*

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on

1-30-04*(Date)*Margaret I. Hults*(Typed or Printed Name of Person Mailing Correspondence)*Margaret I. Hults*(Signature of Person Mailing Correspondence)*EV 386956607 US*("Express Mail" Mailing Label Number)***Note: Each paper must have its own certificate of mailing.**